

Atty. Docket No. YOR920000655US2 (8728-446 DIV)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Alessandro C. Callegari et al.

SERIAL NO.:

10/606,523

FILED:

June 26, 2003

DATED: September 23, 2003

FOR:

IMPROVING STABILITY OF ION BEAM GENERATED

ALIGNMENT LAYERS BY SURFACE MODIFICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 2313-1450 on September 23, 2003.

Dated: September 23, 2003

Nathaniel T. Wallace

The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

- This information disclosure statement is being filed within three (3) months of the filing date of this application.
- This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application.
- [X] To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- [] Statement under 37 C.F.R. § 1.97(e):
 I hereby state that each item of information contained in this
 Information Disclosure Statement was cited in a communication
 from a foreign patent office in a counterpart foreign application not
 more than 3 months prior to the filing of this statement.
- [] Enclosed herewith is a petition under 37 C.F.R. §1.97(d)(ii).
 - [] Enclosed by check is the petition fee of \$130.00. 37 C.F.R. §1.17(i)(1))
 - [] Please charge the \$130.00 petition fee to Deposit Account No. 50-0510/IBM.

- [] Enclosed by check is the \$180.00 fee required by 37 C.F.R. §1.17(p).
- Please charge the \$180.00 fee required by 37 C.F.R. §1.17(p) to Deposit Account No. 50-0510/IBM.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or §1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 50-0510/IBM. Also, in the event any extensions of time for responding and/or a petition under 37 C.F.R. §1.17(i)(i) are required for the pending application(s), please treat this paper as a petition to extend the time and/or enter this Information Disclosure Statement as required and charge Deposit Account No. 50-0510/IBM therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

Nathaniel T. Wallace Reg. No. 48,909

Attorney for Applicant(s)

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		U.S. D	June 26, 2003 ATENT DOCUMENTS						
EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO			
INITIAL	5,030,322	7/9/91	Shimada et al.	156	655	8/17/90			
	5,710,608	1/20/98	Nakabayashi et al.	349	125	12/27/95			
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	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
	NUMBER					YES	NO		
	OTHER	PRIOR ART (Including	ng Author, Title, Date, Pertinent	Pages, Etc	p.)				
	Tschersich, K. Vol. 84, No. 8,	G., et al., <u>Formation</u> 10/15/98, pp. 4065-4	of an Atomic Hydrogen Beam by 4070.	y a Hot Ca	pillary, Journal of A	Applied Phys	sics,		
	Harvey, K.C., o Physics, pp. 1	Harvey, K.C., et al., <u>Semiconductor Detector for the Selective Detection of Atomic Hydrogen</u> , American Institute of Physics, pp. 1117-1120.							
EXAMINER		DATE CONSIDERED							
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT See several sheets if necessary)				YOR920000655US2 (8728-446 DIV)		10/606,523					
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		OTHER PI	SIOR ART (Including	Author, Title, Date, Pertinent	Pages, Ef	(c.)					
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	IBM Disclosure Bulletin, <u>Ion Bombardment of Polyimide for the Alignment of Liquid Crystals</u> , New York, Vol. 23, No. 4B, 9/1/91, pp. 80-82.										
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